



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 3, 2016

Tony Welch, Resident Agent
Castle Valley Mining, LLC
P.O. Box 475
Huntington, Utah 84528

Subject: Access Road, Castle Valley Mining, LLC, Bear Canyon Mine, C/015/0025, Task ID #5109

Dear Mr. Welch:

The Division has reviewed your application. The Division has identified deficiencies that must be addressed before final approval can be granted. The deficiencies are listed as an attachment to this letter.

The deficiencies authors are identified so that your staff can communicate directly with that individual should questions arise. The plans as submitted are denied. Please resubmit the entire application.

Please note that these plans are required as abatement for NOV #21177. You must resubmit the corrected plans in order to meet the timeframes associated with this NOV.

If you have any questions, please call me at (801) 538-5325.

Sincerely,

Daron R. Haddock
Coal Program Manager

DRH/sqs
O:\015025.BCN\WG5109 ACCESS ROAD\Deficiencies.doc



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Technical Analysis and Findings

Utah Coal Regulatory Program

PID: C0150025
TaskID: 5109
Mine Name: BEAR CANYON MINE
Title: ACCESS ROAD

Operation Plan

Road Systems Classification

Deficiencies Details:

R645-301-521.170, R645-301-527.200 through -527.230, R645-301-534, R645-301-553: The Permittee shall add a detailed description of the construction, use, and maintenance of #2 Belt Access road to Chapter 5.

cparker

Road System Plans and Drawings

Deficiencies Details:

R645-301-521.170, R645-301-527.200 through -527.230, R645-301-534, R645-301-553: The Permittee shall add a detailed drawing showing the specifications for each road width, road gradient, road surface, road cut, fill embankment.

cparker

Road System Plans and Drawings

Deficiencies Details:

R645-301-742.400: The amendment does not meet the State of Utah R645 requirements for Road Drainage.

The application must provide a narrative for how runoff from watershed AD-16 will be captured and routed by the road to Catch Basin 1. The amendment must include a narrative on the stability of the borrow ditch berm and plans to reestablished D-15D if the Access Road is reclaimed.

kstorrar

Reclamation Plan

General Requirements

Deficiencies Details:

R645-301-521.170, R645-301-527.200 through -527.230, R645-301-534, R645-301-553: The Permittee shall add the additional 150 CY of topsoil removal and additional cut/fill volumes that will be required at reclamation of the road to the

Backfill and Grading General

Deficiencies Details:

R645-301-521.170, R645-301-527.200 through -527.230, R645-301-534, R645-301-553: The Permittee shall add the additional 150 CY of topsoil removal and additional cut/fill volumes that will be required at reclamation of the road to the Chapter 5 narrative and Table 5J-2.

cparker

Road System Reclamation

Deficiencies Details:

R645-301-521.170, R645-301-527.200 through -527.230, R645-301-534, R645-301-553: The Permittee shall add the additional 150 CY of topsoil removal and additional cut/fill volumes that will be required at reclamation of the road to the Chapter 5 narrative and Table 5J-2.

cparker

Bonding Determination of Amount

Deficiencies Details:

R645-301-830.140: The Permittee shall submit updated bond sheets reflecting the additional grading require at reclamation for the #2 Belt Access road.

cparker